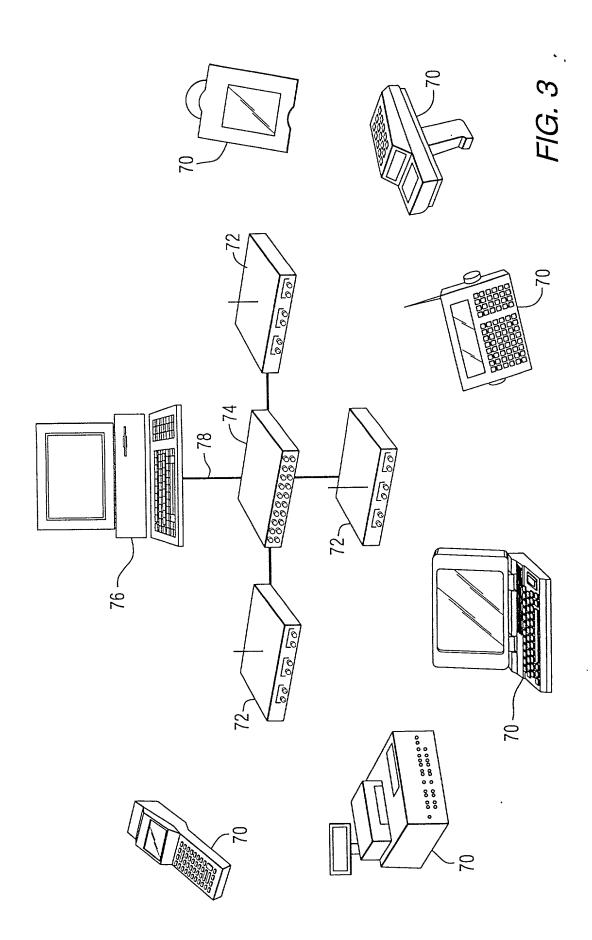


FIG. 2



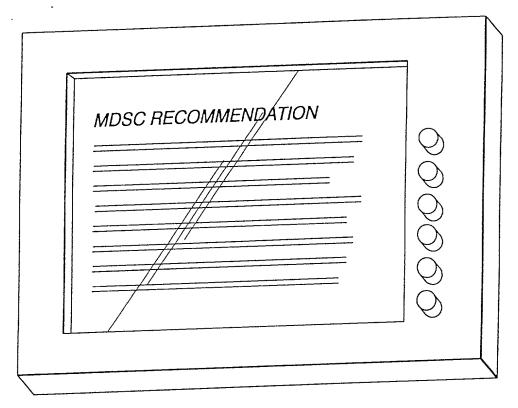
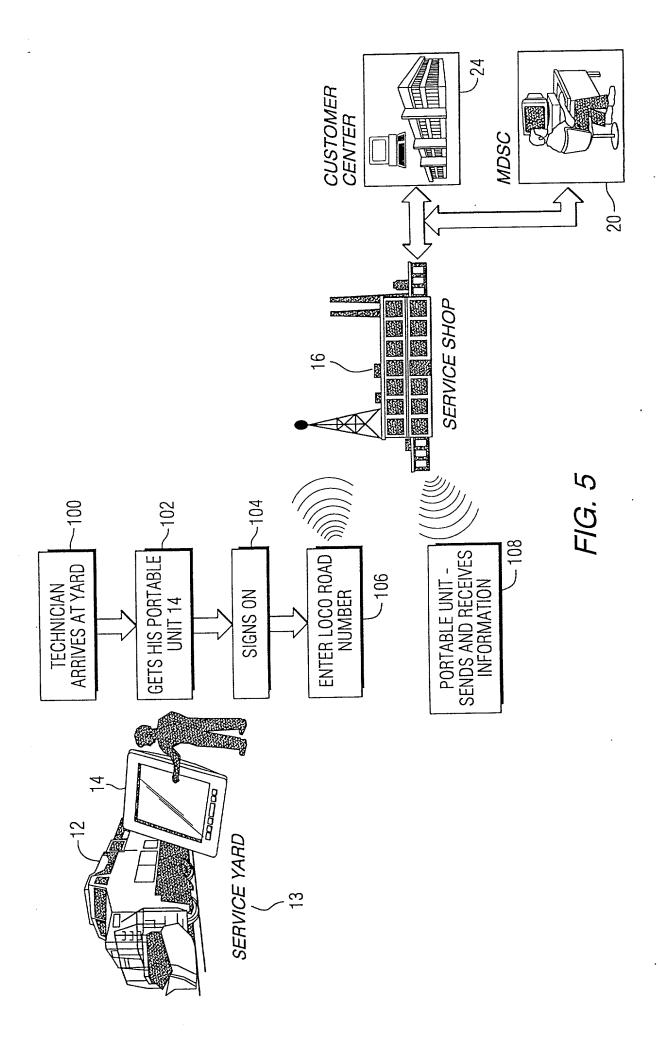
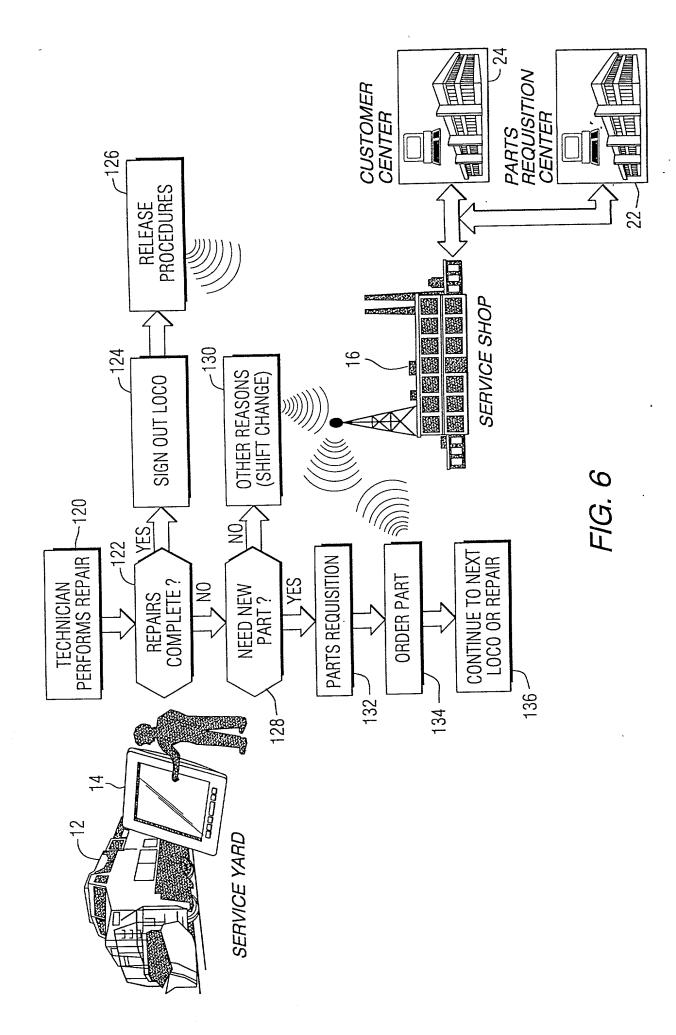
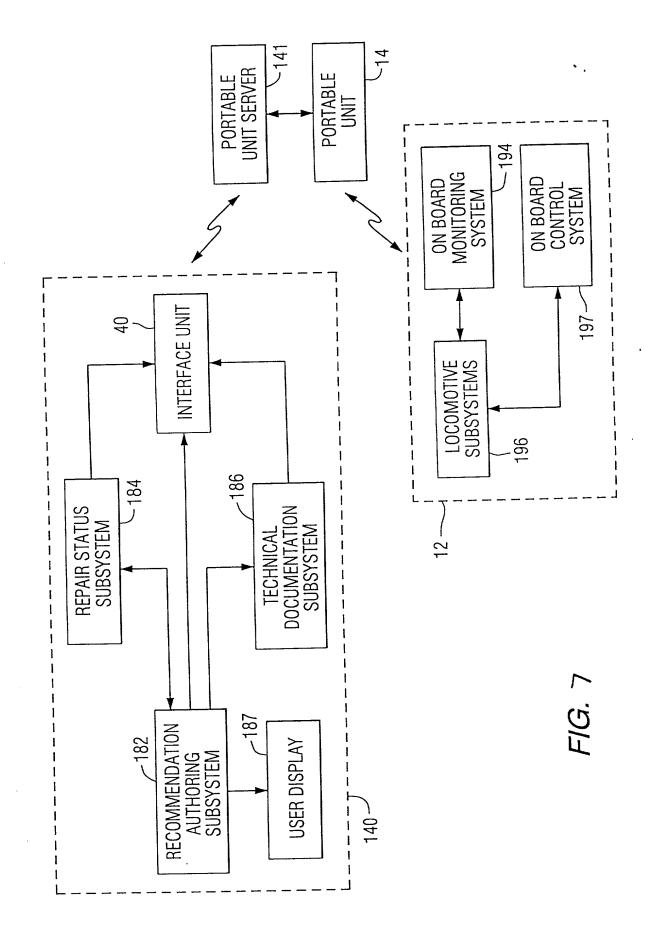


FIG. 4







the first start and control to the train of the train of

Possible

turbo failed

seals

Blow by

found

140

Inspect or

replace

turbo

Replace

defective

power assemblies

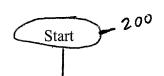
J42

346

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Inspect power

assemblies for blow by into crankcase



providing a database comprising detailed data for health assessment and servicing of a selected equipment and system thereof, and an expert rule-based troubleshooting wizard for eliciting information regarding the selected equipment and system and for providing troubleshooting instructions to determine the nature of the equipment fault and the servicing required for the selected equipment and system

202

providing an input/output device at the work site for communicating with the database

-204

selecting the equipment and the system thereof to be serviced

206

accessing the database to interface with the troubleshooting wizard for the selected equipment and system

208

providing in response to a set of prompts to the personnel from the troubleshooting wizard at least one set of observations selected from the group comprising operational performance of the selected equipment, operational performance of the selected system, and fault indications detected in the equipment and system

210

processing said observation information relative to the troubleshooting wizard to determine whether or not said selected equipment and system needs to be serviced, and if so the nature and extent of that service.

~212

(Redurn ~ 212)

F1G. 9

